

#3

MAINTENANCE SERVICE - EVERY 12,500 MILES

ALL 1975 Models (25 000 Mile Intervals)



Customer: _____

Work Order No.: _____

Address: _____

License No.: _____

City & State: _____

Mileage: _____

Zip Code or Province: _____

Time Promised: _____

Maintenance Work to be Performed:

MB Maintenance Service (three sections) with engine oil change and oil filter service.
Oil: Brand-Viscosity _____

Additional Maintenance Work to be Performed Every 25 000 Miles:

Radiator Coolant: _____ °F
FILL/DRAIN/CHECK. Add rust inhibitor.

Drain and renew brake fluid, (once a year, preferably in Spring). Use only specified brake fluid.

M-B Individual Maintenance Jobs Performed as Needed:

Section I: Lubrication Service
Engine oil change with oil filter service.
Oil: Brand-Viscosity _____

Section II: Electronic Engine Testing;
Engine maintenance.

Section III: Safety Inspection.

Special Maintenance Work Performed at Extra Cost:

Sliding Roof: Clean guide channels and lubricate lightly.

Lighting System: Check headlights and aim.

Battery: Clean housing and terminals; grease terminals lightly.

Car wash.

Wax and Polish.

Clean Engine and Engine Compartment; lubricate all control linkages.

Special Instructions from Customer:

Visual Inspection: Check For Leakage and General Condition.

<input type="checkbox"/> Engine	<input type="checkbox"/> Rear Axle	<input type="checkbox"/> Front Axle	<input type="checkbox"/> Undercarriage
<input type="checkbox"/> Steering	<input type="checkbox"/> Brakes	<input type="checkbox"/> Tires	<input type="checkbox"/> Body Condition
<input type="checkbox"/> Transmission	<input type="checkbox"/> Shock Absorbers	<input type="checkbox"/> Exhaust System	

Result: _____

Part I: Service Maintenance with Oil Filter Change

240D-300D
230 280-280C 280S 450-AII
Oil Change

151 Engine oil with filter change.

Drain engine oil cooler.

Inspection for Leaks and Condition

038 Heating & cooling system.

240D-300D
230 280-280C 280S 450-AII

041 Fuel hoses and pipes.

045 Clutch operating mechanism (240 D only).

(continued)

240D-300D	230	280-280C	280S	450 - All	Check Fluid Level and Replenish (Check for leakage).	240D-300D	230	280-280C	280S	450 - All	Body and Chassis Lubrication
<input type="checkbox"/>	120 Automatic transmission.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	393 Door locks.				
<input type="checkbox"/>					121 Manual transmission (240 D only).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	395 Hood
<input type="checkbox"/>					130 Rear axle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		398 Parking brake linkage guide(in drive shaft tunnel.)*450 SL/SLC only
<input type="checkbox"/>					134 Power steering.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	415 Engine control linkages, control shafts and cables (not required on control shafts with plastic bearings).
<input type="checkbox"/>					465 Windshield washer system.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	813
<input type="checkbox"/>					484 Air conditioning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>					700 Brake system.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Use only the following factory-recommended hydraulic oils: BP Hydraulic 1; Castrol DB Hydraulic Fluid; Esso Univers J-43; Mobile Aero HFA; Shell Aero Fluid 4.
<input type="checkbox"/>					788 Stromberg carburetor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>					800 Fuel injection pump (240 D only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	492 Clean door seal flanges. Coat door seals with OREL or similar rubber treatment.
<input type="checkbox"/>					821 Battery.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>					990 Radiator.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>					350 Door hinges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Part II: Electronic Engine Test and Engine Maintenance

240D-300D	230	280-280C	280S	450 - All	Mechanical
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	753 Adjust valve clearances.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	202 Clean filter element; replace every 25,000 miles (*300 D only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	762 Clean flame arrester.
<input type="checkbox"/>					205 Clean Oil bath air cleaner and change oil. (240 D only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	757 Check all drive belt tension and condition.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	785 Exhaust manifold heater flap. Check for free movement and free up as required (Engine M 115 only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	770 Replace spark plugs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	773 Replace distributor points
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	782 Check and adjust dwell angle, ignition timing and ignition changeover

240D-300D	230	280-280C	280S	450 - All	
<input type="checkbox"/>	832 Analyze engine with oscilloscope				
<input type="checkbox"/>					797 Check and adjust engine idle speed control
<input type="checkbox"/>	798 Carburetor and injection engines: check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).				
<input type="checkbox"/>					895 Check alternator fastening bolt for tightness

Part III: Safety Check

240D-300D	230	280-280C	280S	450 - All	
<input type="checkbox"/>	025 Steering system: check steering coupling for wear and clamping screws for tightness. Check for excessive wear in the system.				
<input type="checkbox"/>	983 Wheels. remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.				
<input type="checkbox"/>	982 Tires: check tire tread wear and other tire damage.				
<input type="checkbox"/>	987 Correct tire air pressure.				

240D-300D	230	280-280C	280S	450 - All	
<input type="checkbox"/>	707 Brake pads: remove, clean, check and replace if necessary.				
<input type="checkbox"/>	703 Brake calipers: check for leakage and piston action. check condition of dust shield.				
<input type="checkbox"/>	709 Brake discs: Check for condition.				
<input type="checkbox"/>					708 Brake discs: Clean ventilating passages
<input type="checkbox"/>	009 Parking brake. Check brake cable action.				

(continued)

240D-300D
230
280-280C
280S
450-All

706 Parking brake: re-adjust.

028 Maintenance free joints for front axle: check for sealing and condition of steering joint sealing collars. (except 108-109).

029 Steering: check for sealing and condition of sealing collars and steering rods.

Retightening of Nuts, Bolts, and Retaining Parts

924 Steering gear mounting screws (3).

988 Wheel bolts.

099 Check function of:
 — Headlight, rear lights and stop light.
 — Directional signals: Hazard warning lights.
 — Windshield wiper, windshield washer.
 — Heating and ventilation.

240D-300D
230
280-280C
280S
450-All

098 Road test or dynamometer
 — Clutch.
 — Manual transmission.
 — Automatic transmission.
 — Air conditioner.

097 Brake test on test stand/road.

Tire tread depth and brake performance

Front-Left		Front-Right	
IN.	KP	IN.	KP
Rear-Left		Rear-Right	
IN.	KP	IN.	KP

Maintenance

Additional Maintenance Work to be Performed Every 25,000 Miles

Maintenance Service #3Z

240D-300D
230
280-280C
280S
450-All

Oil Change

170 Automatic transmission oil change.

Filter Replacement or Cleaning

174 Automatic transmission: replace filter element.

612 Power steering: Replace filter element.

840/847 Fuel filter: Clean element or replace.

845 Fuel main filter: Clean filter element and filter housing

844 Fuel pre-filter: check

813 Check throttle control linkage.

Lubrication

388 Front wheel grease caps: clean and refill with new grease.

704 Check oil level in vacuum pump

240D-300D
230
280-280C
280S
450-All

Tightening of Nuts and Bolts

871 Intake and exhaust manifold nuts and exhaust flange bolts.

Exhaust pipe flange only.

876 Carburetor mounting flange screws

Checking

501 Check clutch lining thickness (manual transmission only). (240 D only).

625 Check front wheel toe-in.

030 Check propeller shaft joint discs for wear or damage.

Engine

787 Check start of delivery once after 25,000 miles.

767 Replace catalyst some time after 50,000 miles if required; Engine M 115 at 25,000 miles and after 50,000 miles if required.